

49

Date: Tuesday, 11/6/2007 1:37:01 PM
User: Kim Johnston

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : HELI UTILITY BASKET LH/RH
Job Number : 35575	
Estimate Number : 10197	
P.O. Number : <i>N/A</i>	Part Number : D350607041
This Issue : 11/6/2007 S.O. No. : <i>N/A</i>	Drawing Number : D350-607 REV F P7-9
Prsht Rev. : NC	Project Number : N/A
First Issue : <i>N/A</i> Type : LARGE FAB ASSY	Drawing Revision : F
Previous Run : 35345	Material : <i>N/A</i>
Written By : <i>[Signature]</i>	Due Date : 12/5/2007 Qty: 1 Um: Each
Checked & Approved By : <i>[Signature]</i>	
Comment : Est Rev M 05.09.02 Added D2856-400-720 KJ/JLM	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	DC	DOCUMENT CONTROL
-----	----	------------------



KS 07.11.13
D519380 REV.B.
Kit.

Comment: DOCUMENT CONTROL

Photocopy bluefile & type labels per PPPD350-607-041 CHG006

CHG007

2.0	35575A	BASKET BASE ASSEMBLY (350)
-----	--------	----------------------------



Comment: Sub-Component BASKET BASE ASSEMBLY (350)

D2221 B *35575A*

ml 07/11/28

3.0	35575B	350/212/130 BASKET LID
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Comment: Sub-Component 350/212/130 BASKET LID

D2512 B *35575B*

ml 07/11/28

4.0	PACKAGING 1	PACKAGING RESOURCE #1
-----	-------------	-----------------------



Comment: PACKAGING RESOURCE #1

Pick: Assembly Kit

5.0	D2022101	Spacer
-----	----------	--------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 D2022-101 Spacer *133985*

7/11/26 SQ *(X)*

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: HELI UTILITY BASKET LH/RH

Job Number: 35575

Part Number: D350607041

Job Number:



Seq. #:	Machine Or Operation:	Description :
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6.0	D2258200	Weight Placard 200lb
-----	----------	----------------------



Comment: Qty.: 1.0000 Each(s)/Unit -- Total : 1.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

1 D2258-200 Label 134588

SP

7.0	D2332041	Lid Prop Assembly 6.69"
-----	----------	-------------------------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

1 D2332-041 Prop Ass'y 133467

SP

8.0	D2530	Handle Weldment
-----	-------	-----------------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

1 D2530 Handle Weldment 33939

SP

9.0	D2535	Spring
-----	-------	--------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 D2535 Spring 331486

SP

10.0	D2537	Bushing
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Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 D2537 Bushing 332574

1 SP 34788

11.0	D27283	Dart Logo label large
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Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 D2728-3 Label 322553

7/14/26 SP (12)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: HELI UTILITY BASKET LH/RH

Job Number: 35575

Part Number: D350607041

Job Number:



Seq. #:

Machine Or Operation:

Description :

12.0

D2931

Bumper



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number

Description Batch

2 D2931

Bumper

B21139

SP

13.0

AN316A

Bolt



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number

Description Batch

2 AN3-16A

Bolt

M104603

SP

14.0

AN47A

Bolt



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number

Description Batch

2 AN4-7A

Bolt

M102140

SP

15.0

AN422A

Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick: Assembly Kit

Qty Part Number

Description Batch

1 AN4-22A

Bolt

M102959

SP

16.0

AN424A

Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick: Assembly Kit

Qty Part Number

Description Batch

1 AN4-24A

Bolt

M102959

SP

17.0

AN517A

Bolt



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick: Assembly Kit

Qty Part Number

Description Batch

4 AN5-17A

Bolt

M109885

7/11/26 SP (1x)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: HELI UTILITY BASKET LH/RH

Customer

Number: 35575

Part Number: D350607041

Job Number

Job Number

Machine Or Operation:

Description:

Section

18.0

AN960JD8

Washer

Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 AN960JD8 Washer M105057 *sq*

19.0

AN960JD416

Washer

Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 AN960JD416 Washer M105906 *sq*

20.0

AN960JD416L

Washer

Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 AN960JD416L Washer M105408 *sq*

21.0

AN960JD516

Washer

Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

4 AN960JD516 Washer M107154 *sq*

22.0

AN9704

Washer

Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

4 AN970-4 Washer M105442 *sq*

23.0

MS20600AD4W3

Cherry Rivets

Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 MS20600AD4W3 Rivet M18071 *7/11/26 sq (ix)*

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Drawing Name: HELI UTILITY BASKET LH/RH

Job Number: 35575

Part Number: D350607041

Job Number:



Seq. #:

Machine Or Operation:

Description :

24.0

MS21042L3

Nut



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 MS21042L3 Nut (or -3)

M10C373

SE

25.0

MS21042L4

Nut



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

4 MS21042L4 Nut (or -4)

M105054

SC

26.0

MS21042L5

Nut



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

4 MS21042L5 Nut (or -5)

M105430

7/10/26 SC (X)

27.0

SMALL FAB 1

SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

Assemble as per Dwg D350-607

Seal support gusset seam with white sikaflex-291 Batch: M105488

Expiry date: 07/2008

MLO 7/11/28 X1

28.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

SC 07/28 (X)

29.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Pick: Packing Kit

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: HELI UTILITY BASKET LH/RH

Job Number: 35575

Part Number: D350607041

Job Number:



Seq. #:

Machine Or Operation:

Description :

30.0

D22301

Mounting Lug



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description Batch

4 D2230-1

Lug

1532163

SP

31.0

D22303

Mounting Lug



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description Batch

4 D2230-3

Clamp

1535472

SP

32.0

D23241

Strut Assembly



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description Batch

1 *D2324-1

Strut Ass'y

1534291

SP

33.0

D2856400

Abrasion Strip



Comment: Qty.: 0.6000 f(s)/Unit Total : 0.6000 f(s)

Pick: Packing Kit

Qty Part Number

Description Batch

4 D2856-400-720 Abrasion Strip

1534642

SP

34.0

AN412A

Bolt



Comment: Qty.: 5.0000 Each(s)/Unit Total : 5.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description Batch

5 AN4-12A

Bolt

1105143

SP

35.0

AN413A

Bolt



Comment: Qty.: 8.0000 Each(s)/Unit Total : 8.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description Batch

8 AN4-13A

Bolt

1106043

7/11/26 SP (1X)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☐ No ☒ DQA: ☒ Date: 01/11/29
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: HELI UTILITY BASKET LH/RH

Job Number: 35575

Part Number: D350607041

Job Number:



Seq. #:

Machine Or Operation:

Description :

36.0

AN960JD416

Washer



Comment: Qty.: 26.0000 Each(s)/Unit Total : 26.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description Batch

26 AN960JD416

Washer

M105906

50

37.0

MS21042L4

Nut



Comment: Qty.: 13.0000 Each(s)/Unit Total : 13.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description Batch

13 MS21042L4

Nut (or -4)

M105054

7/11/28 SQ (1x)

38.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

7/11/28 (u)

39.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D350-607-041

Location:

Rev H

SQ

AS 07/11/28

(x1)

40.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

07/11/29
07/11/29

Job Completion



1 x DSI 9380-011 B 35901

Complete

per ECN1068

u

07/11/28

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

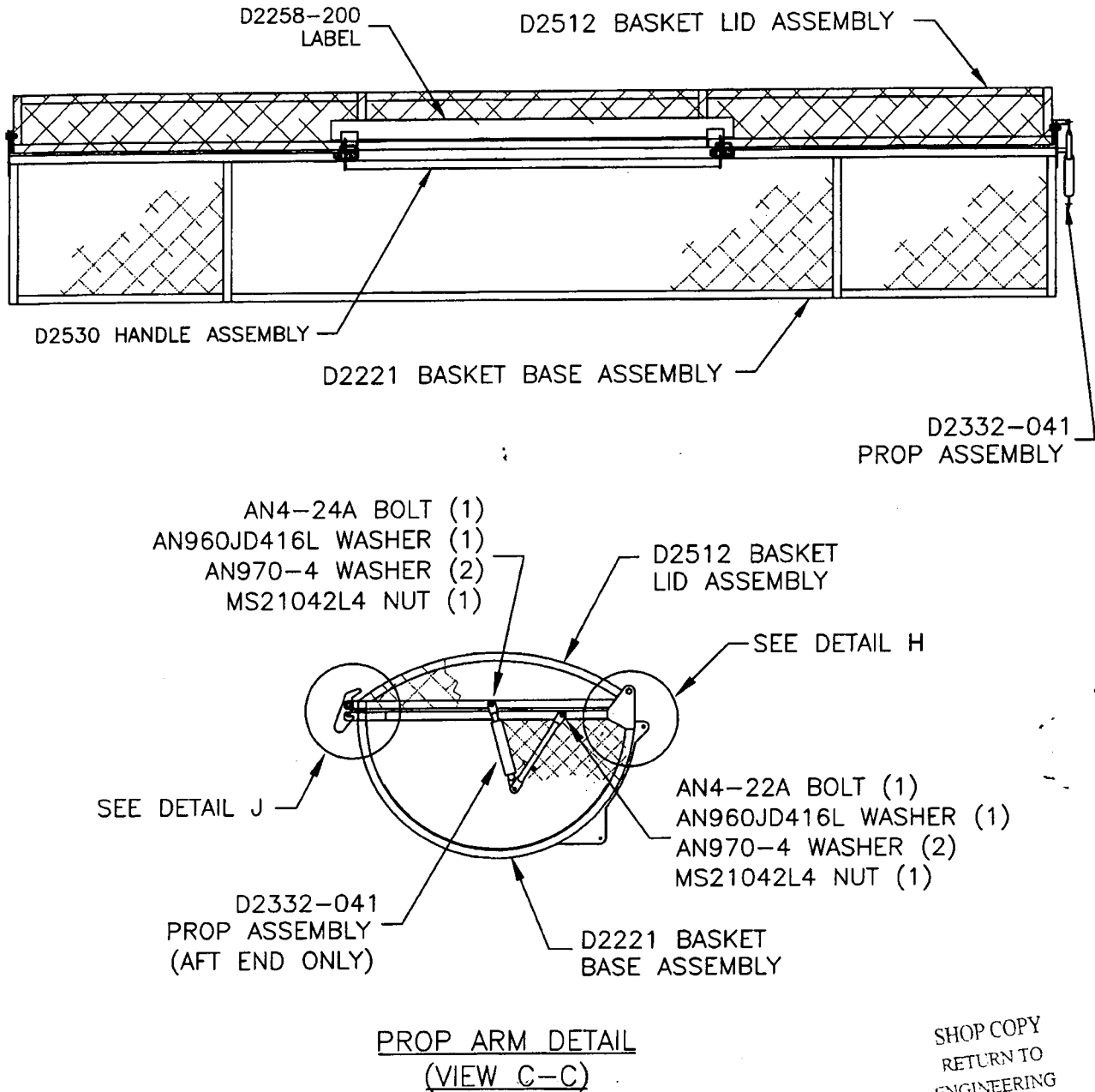


Figure 4 – Basket Replacement Parts
(D350-607-041 Heli-Utility-Basket™)

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 35575

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Revision: F

Date: 03.01.17

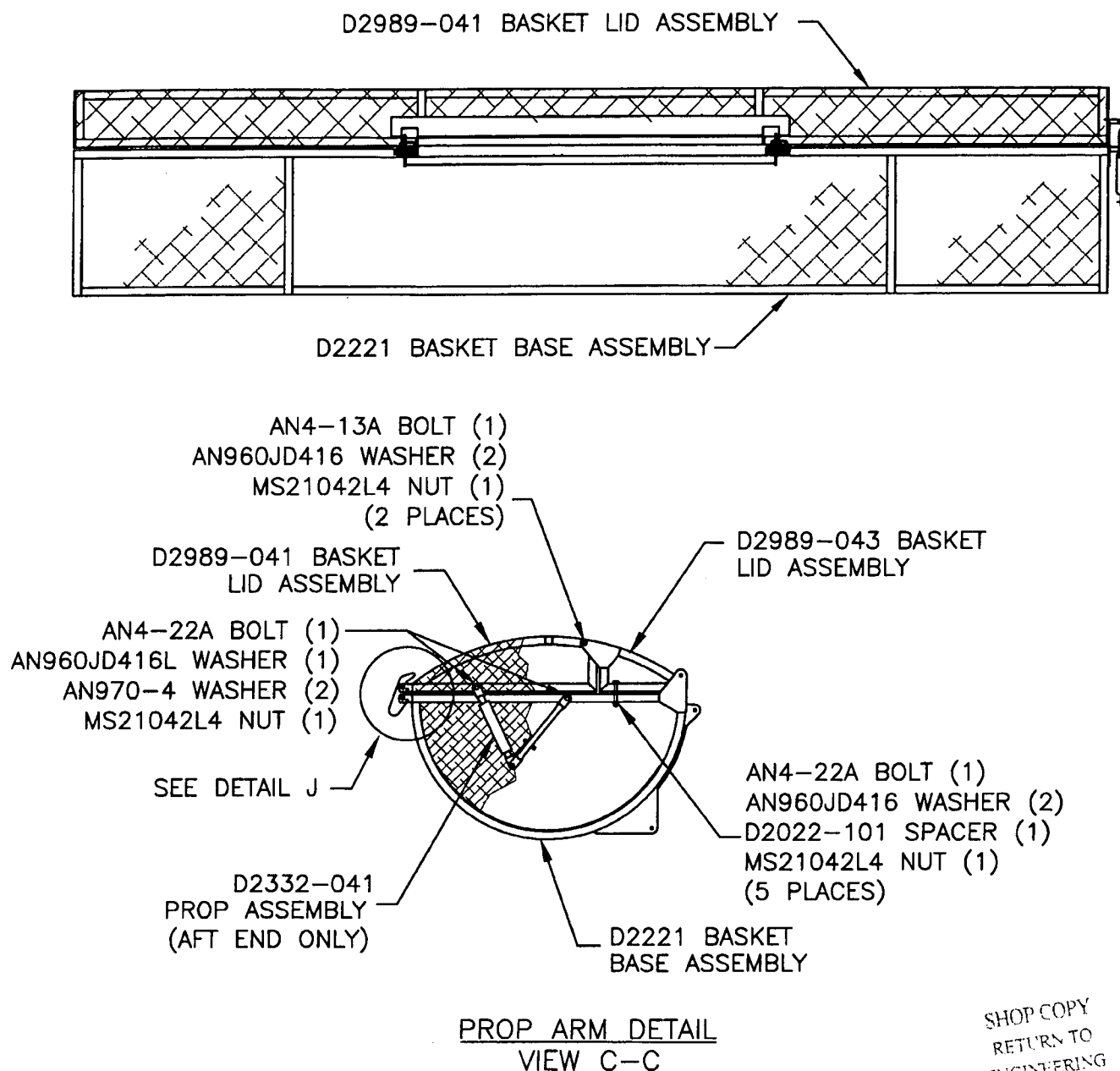


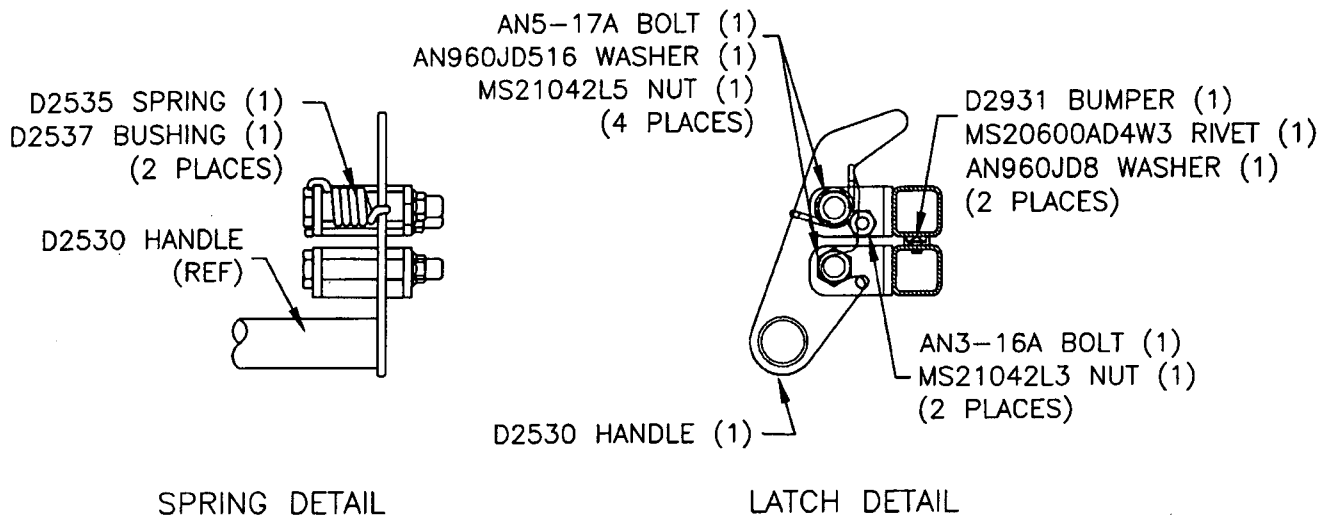
Figure 5- Basket Replacement Parts
(D350-607-043 Heli-Utility-Basket™)

SHOP COPY
RETURN TO
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UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 35515

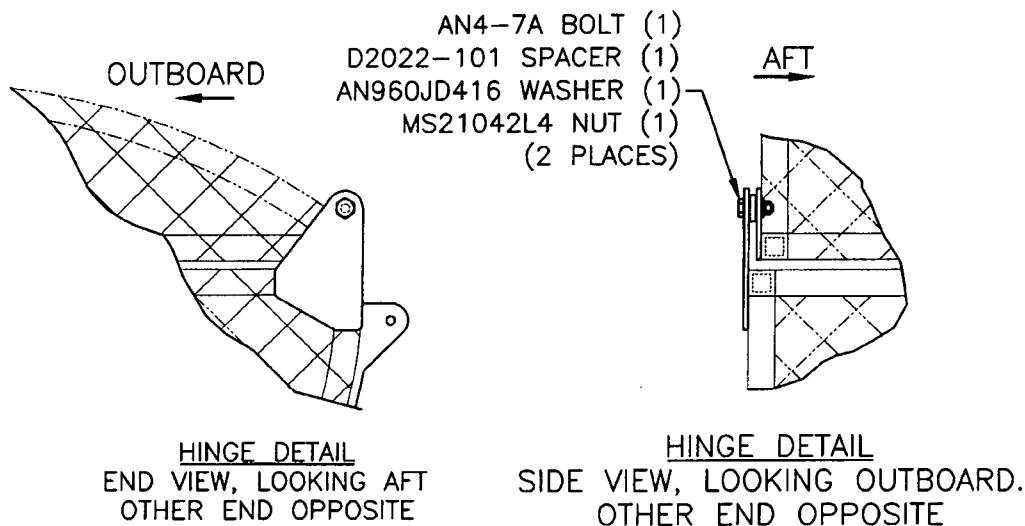
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Revision: **F**

Date: 03.01.17



DETAIL J:
HANDLE WELDMENT



DETAIL H:
HINGE

Figure 6 – Basket Replacement Parts

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 35575

Date: Tuesday, 11/6/2007 1:37:10 PM
 User: Kim Johnston

Process Sheet

49

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: BASKET BASE ASSEMBLY (350)
Job Number	: 35575A		
Estimate Number	: 10189		
P.O. Number	: <u>N/A</u>	Part Number	: D2221
This Issue	: 11/6/2007	S.O. No.	: <u>N/A</u>
Prsht Rev.	: NC	Drawing Number	: D2221/D2235
First Issue	: <u>N/A</u>	Project Number	: N/A
Previous Run	: 35574C	Drawing Revision	: F/B1
		Material	: <u>N/A</u>
Written By	:	Due Date	: 12/5/2007
Checked & Approved By	: <u>[Signature]</u>	Qty:	1 Um: Each
Comment	: Est Rev: 05.09.02 Added D3442-1 KJ/JLM		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description:
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1.0	D31661	Basket Hoop
-----	--------	-------------



Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

Pick:

Qty	Part Number	Description	Batch
4	D3166-1	RIB	<u>B 35528</u>

J.J.L. 07/11/15

2.0	D22323	Basket Hinge
-----	--------	--------------



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick:

Qty	Part Number	Description	Batch
2	D2232-3	Hinge bracket	<u>B 33290</u>

J.J.L. 07/11/15

3.0	D2325	Support Gusset (350 Bask
-----	-------	--------------------------



Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

Pick:

Qty	Part Number	Description	Batch
4	D2325	Support Gusset	<u>B 32571</u>

J.J.L. 07/11/15

4.0	D23273	Spacer Bushing
-----	--------	----------------



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick:

Qty	Part Number	Description	Batch
2	D2327-3	Bushing	<u>B 34589</u>

J.J.L. 07/11/15

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BASKET BASE ASSEMBLY (350)

Job Number: 35575A

Part Number: D2221

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

D2581

Mounting Bracket



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number Description Batch

2 D2581 Mounting Bracket B34507

J.J.L. 07/11/19

6.0

D34421

Shim



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number Description Batch

2 D3442-1 Shim B34610

J.J.L. 07/11/19

7.0

M304EX07516F

Expanded Metal Flat Stai



Comment: Qty.: 41.6745 sf(s)/Unit Total : 41.6745 sf(s)

Pick:

Qty Part Number Description Batch

39.69 sf M304EX0.75-16F Expanded Metal m 105989

J.J.L. 07/11/20

8.0

M304TS0750W065

304 SQ Tube.75x.75x.065W



Comment: Qty.: 29.4000 f(s)/Unit Total : 29.4000 f(s)

Pick:

28' 3/4" x 3/4" x 0.063 wall 304/316 SStubing

Batch: m 106199

J.J.L. 07/11/15

9.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

1-Cut D2235-1 Rib from D3166-1 Rib As Per Dwg D2235

2-Drill hole in D2221-3 as per Dwg D2221

3-Deburr

4-Remove all markings on material before welding

5-Weld as per Dwg D2221 using Welding Table and corner JigDeburr as required

J.J.L. 07/11/22

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: 12 Date: 8/17/29
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BASKET BASE ASSEMBLY (350)

Job Number: 35575A

Part Number: D2221

Job Number:



Seq. #:

Machine Or Operation:

Description :

10.0

QC9

VISUAL WELDING INSPECTION



Comment: VISUAL WELDING INSPECTION

PD 07-11-22

11.0

QC6

DIMENSIONAL CHECK



Comment: DIMENSIONAL CHECK

PD 07-11-22

12.0

POWDER COATING

POWDER COATING



M 105914



①

Comment: POWDER COATING

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3

BR 07-11-23

13.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

ml 07/11/28

14.0

QC21

FINAL INSPECTION/W/O RELEASE



①

Comment: FINAL INSPECTION/W/O RELEASE

PD 07/11/28

Job Completion



W 07-11-29

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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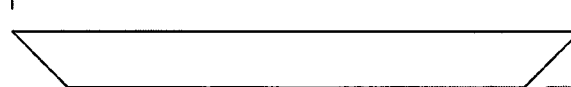
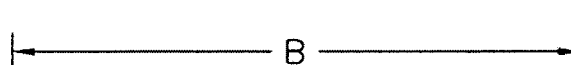
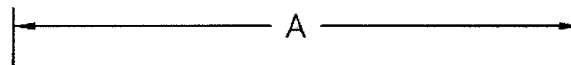
NOTE: Date & initial all entries

DART

DESIGN BW	DRAWN BY PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2221	REV. F SHEET 1 OF 3
DATE 05.06.07		TITLE BASKET BASE ASSEMBLY (350)	SCALE NTS
C	95.11.21	SEPARATE BASKET AND LID	
D	96.06.21	CHANGE LATCH	
E	01.04.19	CHANGE HINGE	
F	05.06.07	ADD SHIM UNDER HINGES, ADD HOLES FOR SPLIT LID BASKETS	

RELEASED05.08.19 *[Signature]*PARTS LIST FOR D2221 BASKET BASE ASSEMBLY

PART NO	QUANTITY	LENGTH A	LENGTH B	DESCRIPTION
D2221-1	2	_____	96.00 ✓	RIB
D2221-3	2	_____	25.50 ✓	RIB
D2221-5	2	18.88 ✓	_____	RIB
D2221-7	1	55.25 ✓	_____	RIB
D2232-3	2	N/A	N/A	HINGE PLATE
D2235-1	4	N/A	N/A	RIB
D2325	4	N/A	N/A	SUPPORT GUSSET
D2327-3	2	N/A	N/A	BUSHING
D2581	2	N/A	N/A	MTG BRKT
D3442-1	2	N/A	N/A	SHIM



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NO. 35575A

D2221-1/-3/-5/-7

- 1) CUT LENGTH/SHAPE PER DIAGRAM AND PARTS LIST
- 2) MATERIAL: AISI 304/316 SS, 3/4 X 3/4 X 0.060 WALL SQUARE TUBING
(REF. DART SPEC M304TS0.750W.060)
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) DRILL $\phi 0.257$ HOLES ONLY WHEN ASSEMBLING D2221 BASE WITH
D2989-041/-043 BASKET LID

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CHECKED		APPROVED		HAWKESBURY, ONTARIO, CANADA
DATE	05.06.07	TITLE	D2221	REV. F
				SHEET 2 OF 3
				SCALE
				1:20

SKIN INSIDE SURFACE OF
BASKET WITH MESH. TACK
WELD EACH END OF STRAND
TO FRAME

5

Ø0.257 (TYP 5 PLACES)
(DRILL WHEN ASSEMBLING WITH
D2989-041/-043 LID ONLY)

D2221-1 (2)

6.50
(TYP BOTH ENDS)

D2221-5 (2)

D2221-3 (2)

TYP

D2221-7

92.50

46.25

1.75
(REF)

25.50

18.88

55.25

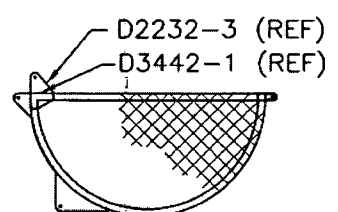
18.87

30.00

34.50

D2581 (2)

30.00 (REF)



D2232-3 (REF)

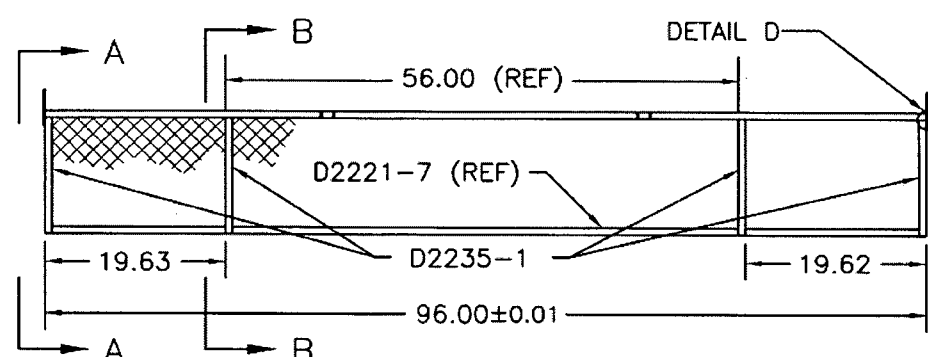
D3442-1 (REF)

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NO. 35515.A

D2325 (REF)

RELEASED

05.08.19



A

B

DETAIL D

56.00 (REF)

D2221-7 (REF)

D2235-1

19.63

19.62

A

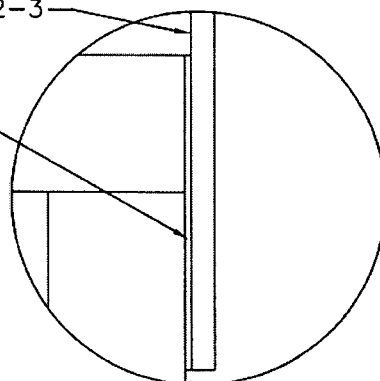
B

96.00±0.01

D2232-3

D3442-1

DETAIL D
(SCALE 1:1)
(TYP BOTH ENDS)



D2221 BASKET BASE ASSEMBLY

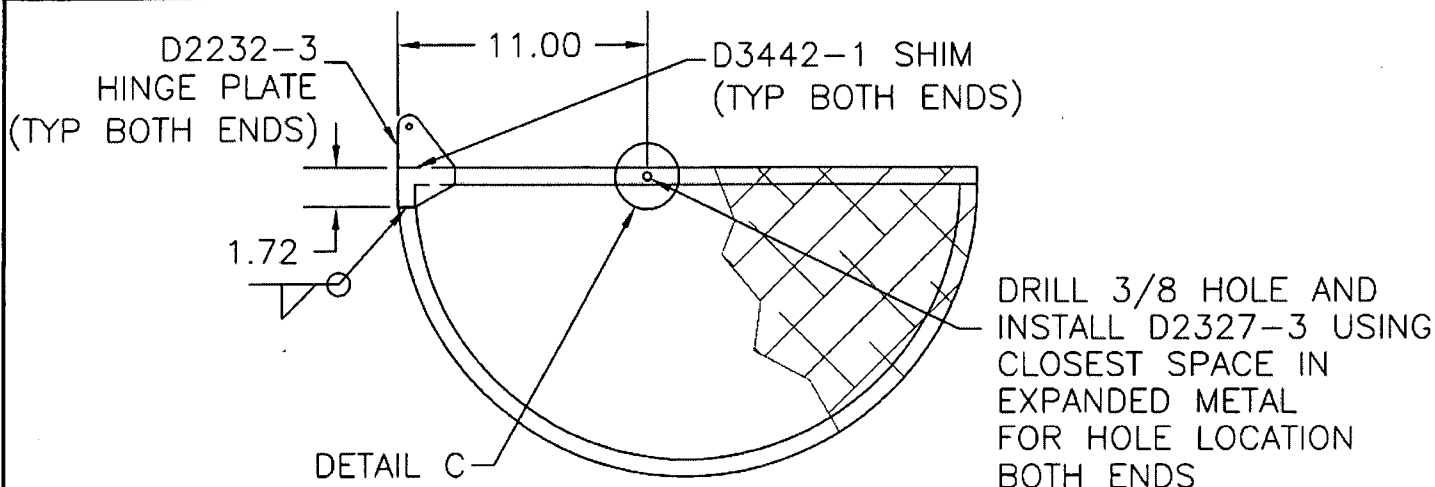
- 1) MESH MATERIAL: 3/4-16F EXPANDED SS (REF DART SPEC M304EX0.75-16F)
- 2) WELD PER DART QSI 004
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) FINISH: POWDER COAT ENTIRE ASSEMBLY WHITE (4.3.5.2) PER DART QSI 005 4.3

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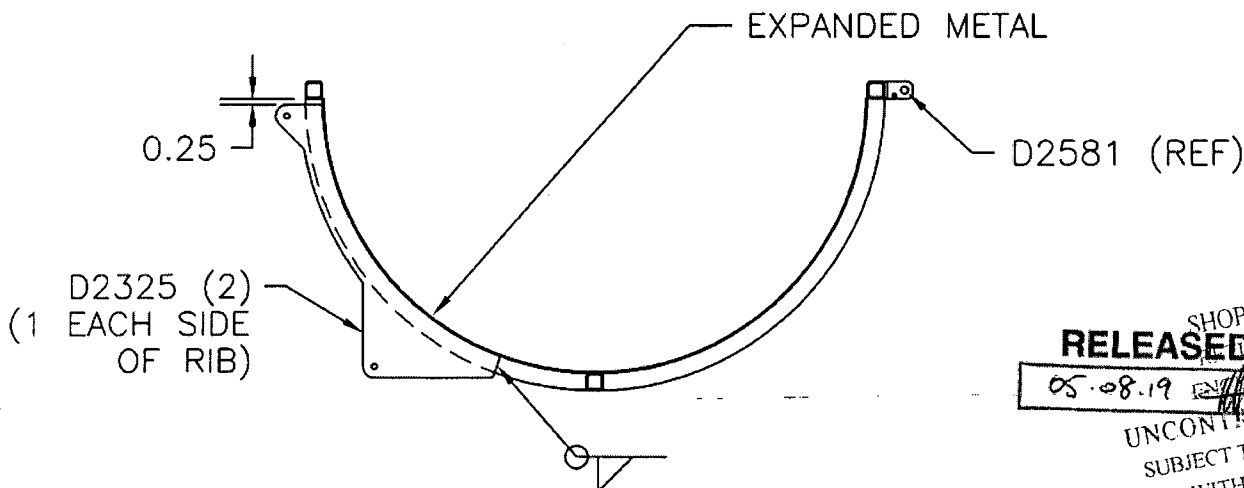
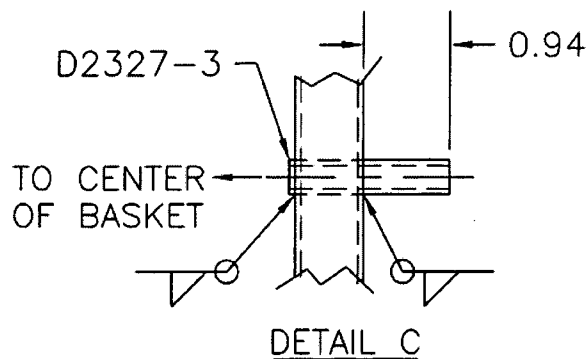
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CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2221	REV. F SHEET 3 OF 3
DATE 05.06.07	TITLE BASKET BASE ASSEMBLY (350)		SCALE 1:8



SECTION A-A SAME BOTH END RIBS



SECTION B-B SAME BOTH CENTER RIBS

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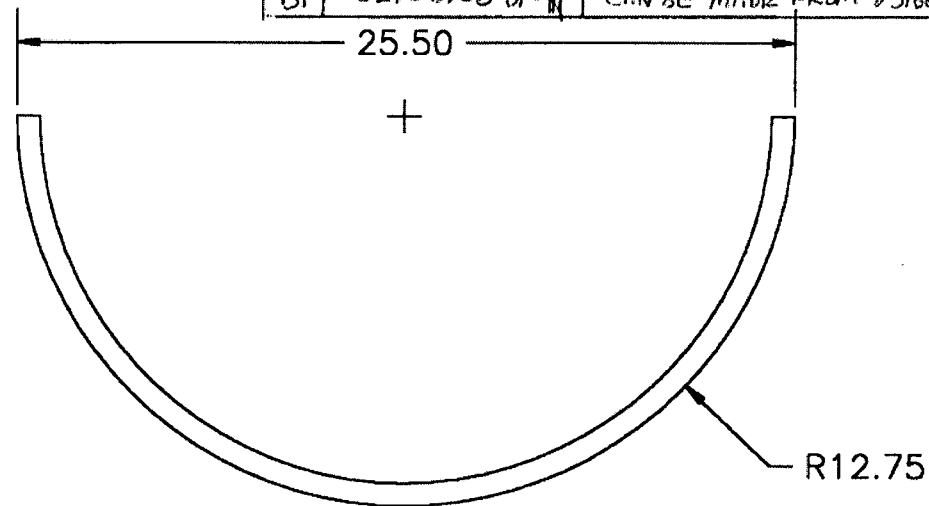
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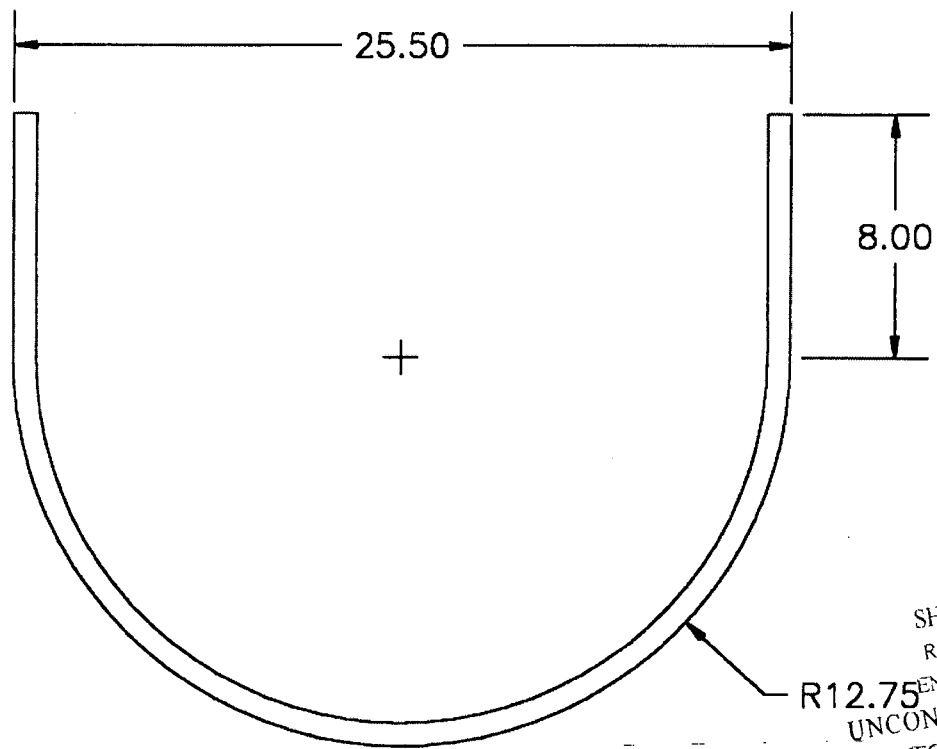
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B WILLIAMS	B WILLIAMS	VICTORIA INTERNATIONAL AIRPORT, CANADA	
CHECKED	APPROVED	DRAWING NO.	REV. B
<i>BW</i>	<i>BW</i>	D2235	SHEET 1 OF 1
DATE	TITLE		SCALE
94:12:16	BASKET RIBS		

BI	02.08.06 <i>CP</i>	CAN BE MADE FROM D3166-1
----	--------------------	--------------------------

RELEASED
R 960507



D2235-1



D2235-3

CAN BE MADE FROM D3166-1 *BI*
MATERIAL: 304/316 SS, 3/4 X 3/4 X 0.063 WALL SQR.

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NO. *35515A*

Date: Tuesday, 11/6/2007 1:37:18 PM
 User: Kim Johnston

Process Sheet

49

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: 350/212/130 BASKET LID
Job Number	: 35575B		
Estimate Number	: 10193		
P.O. Number	: <i>N/A</i>	Part Number	: D2512
This Issue	: 11/6/2007 S.O. No. : <i>N/A</i>	Drawing Number	: D2512 REV D2
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: <i>N/A</i> Type : LARGE FAB ASSY	Drawing Revision	: D2
Previous Run	: 35345B	Material	: <i>N/A</i>
Written By	:	Due Date	: 12/5/2007 Qty: 1 Um: Each
Checked & Approved By	: <i>[Signature]</i>		
Comment	: Rev Est: M 03.01.31 Added D2012-117 for D130-701-041 KJ/RF Est Rev: N 06.04.05 Added level21 EC		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

1.0	M304TS0750W065	304 SQ Tube.75x.75x.065W
-----	----------------	--------------------------



Comment: Qty.: 45.7594 f(s)/Unit Total : 45.7594 f(s)

Pick:

3/4"x3/4" 304/316 SS tube .063" wall

Batch: *106199**J.J.L. 07/11/15*

2.0	D31663	Basket Hoop
-----	--------	-------------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty Part Number Description

1 D3166-3 Basket Hoop

Batch

*B35528**J.J.L. 07/11/15*

3.0	D2506	Placard
-----	-------	---------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty Part Number Description

1 D2506 Label Plate

Batch

*B33449**J.J.L. 07/11/15*

4.0	D23271	Spacer Bushing
-----	--------	----------------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number Description

2 D2327-1 Bushing

Batch

*B31693**07/11/15*

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Tuesday, 11/6/2007 1:37:18 PM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: 350/212/130 BASKET LID

Job Number: 35575B

Part Number: D2512

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

D22321

Hinge



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

2 D2232-1

Hinge plate

B 31608

J.J.L. 07/11/19

6.0

D2581

Mounting Bracket



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

2 D2581

Mounting Bracket

B 34507

J.J.L. 07/11/19

7.0

M304EX07516F

Expanded Metal Flat Stai



Comment: Qty.: 18.0000 sf(s)/Unit Total : 18.0000 sf(s)

Pick:

Qty Part Number

Description

Batch

18 sf M304EX0.75-16F Expanded Metal

m 105989

J.J.L. 07/11/20

8.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

1-Cut 3/4" x 3/4" square tubing as per Dwg D2512

2-Cut (4) D2236 From D3166-3

3-Drill holes in D2512-1 as per Dwg D2512 using Drill Jig DT8305

5-Weld as per Dwg D2512 using Welding Table and corner Jig Deburr as required

J.J.L. 07/11/22

9.0

QC9

VISUAL WELDING INSPECTION



Comment: VISUAL WELDING INSPECTION

PD 07-11-22

10.0

QC6

DIMENSIONAL CHECK



Comment: DIMENSIONAL CHECK

PD 07-11-22

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: PD Date: 01/11/09
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Tuesday, 11/6/2007 1:37:18 PM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: 350/212/130 BASKET LID

Job Number: 35575B

Part Number: D2512

Job Number:



Seq. #:

Machine Or Operation:

Description :

11.0

POWDER COATING

POWDER COATING



M 105 914

①

Comment: POWDER COATING

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3

BR

07-11-23

12.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



~~106030~~ 106080

Comment: HAND FINISHING RESOURCE #1

Wing Walk and Spray Paint black as per Dwg D2512 and QSI 005 4.4

Batch: *M 106030 BR 07-11-26*

①

13.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

ml 07/11/28

14.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: *GA*

ml 07/11/28

15.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

AD 07/11/29

Job Completion



U 07-11-29

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

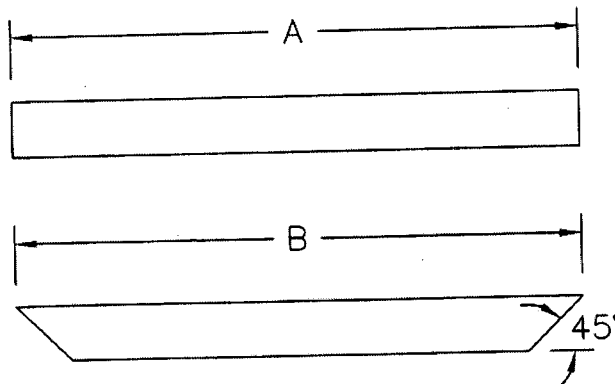


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CHECKED #	APPROVED #	DRAWING NO. D2512	REV. D SHEET 1 OF 4
DATE 01.04.19		TITLE BASKET LID ASSEMBLY (350/212) SCALE NTS	
A	95.11.21	NEW ISSUE	
B	96.05.24	ADDED LATCH CHANNEL & LABEL PLATE	
C	99.07.06	REMOVE DOUBLE SKIN SECTION, ADDED MEMBERS, INCORP. DEO 9074	
D	01.04.19	CHANGE HINGE	
D1	# UP 03.01.20	ADD D2012-117 FOR D130-701-041	
D2	# UP 24.09.20	TACK WELD ANT-SKID AREA	

RELEASED
01.04.27 #

PARTS LIST FOR D2512-BASKET LID ASSEMBLY

PART NO	QUANTITY	LENGTH A	LENGTH B	DESCRIPTION
D2512-1	2	—	25.50	RIB
D2512-3	2	—	95.30 ✓	RIB
D2512-5	6	30.84 ✓	—	RIB
D2512-7	3	30.63 ✓	—	RIB
D2232-1	2	N/A	N/A	HINGE PLATE
D2236	4	N/A	N/A	RIB
D2327-1	2	N/A	N/A	BUSHING
D2506	1	N/A	N/A	LABEL PLATE
D2581	2	N/A	N/A	MOUNTING BRKT



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NO. 35575 B

D2512-1/-3/-5/-7

CUT LENGTH/SHAPE PER DIAGRAM AND PARTS LIST

MATERIAL: AISI 304/316 SS, 3/4 X 3/4 X 0.060 WALL SQUARE TUBING

TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

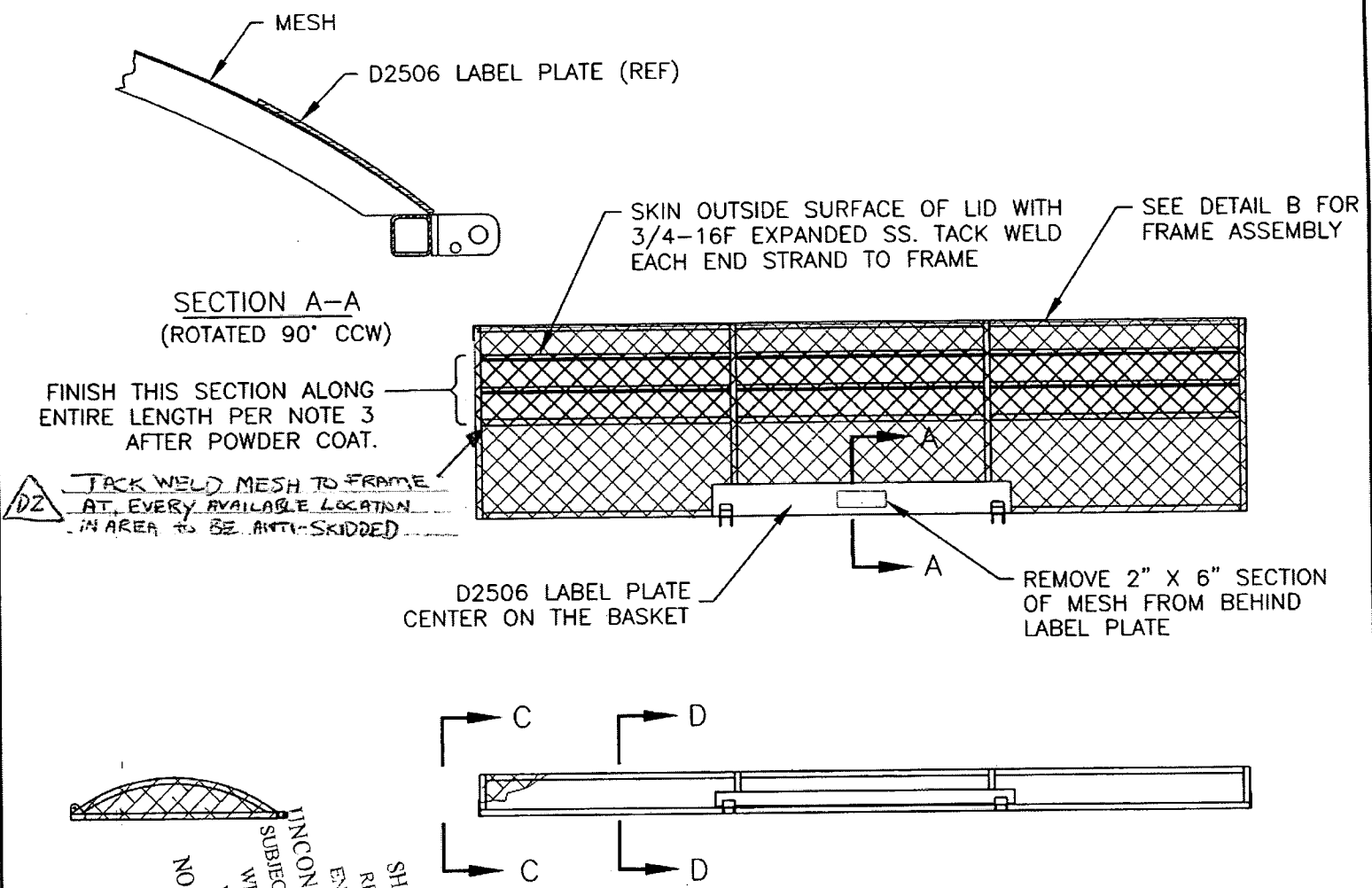
ALL DIMENSIONS ARE IN INCHES

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CHECKED		APPROVED	HAWKESBURY, ONTARIO, CANADA
DATE	01.04.19	DRAWING NO.	D2512
		TITLE	BASKET LID ASSEMBLY (350/212)
		SCALE	1:20
		SHEET	2 OF 4
		REV.	D

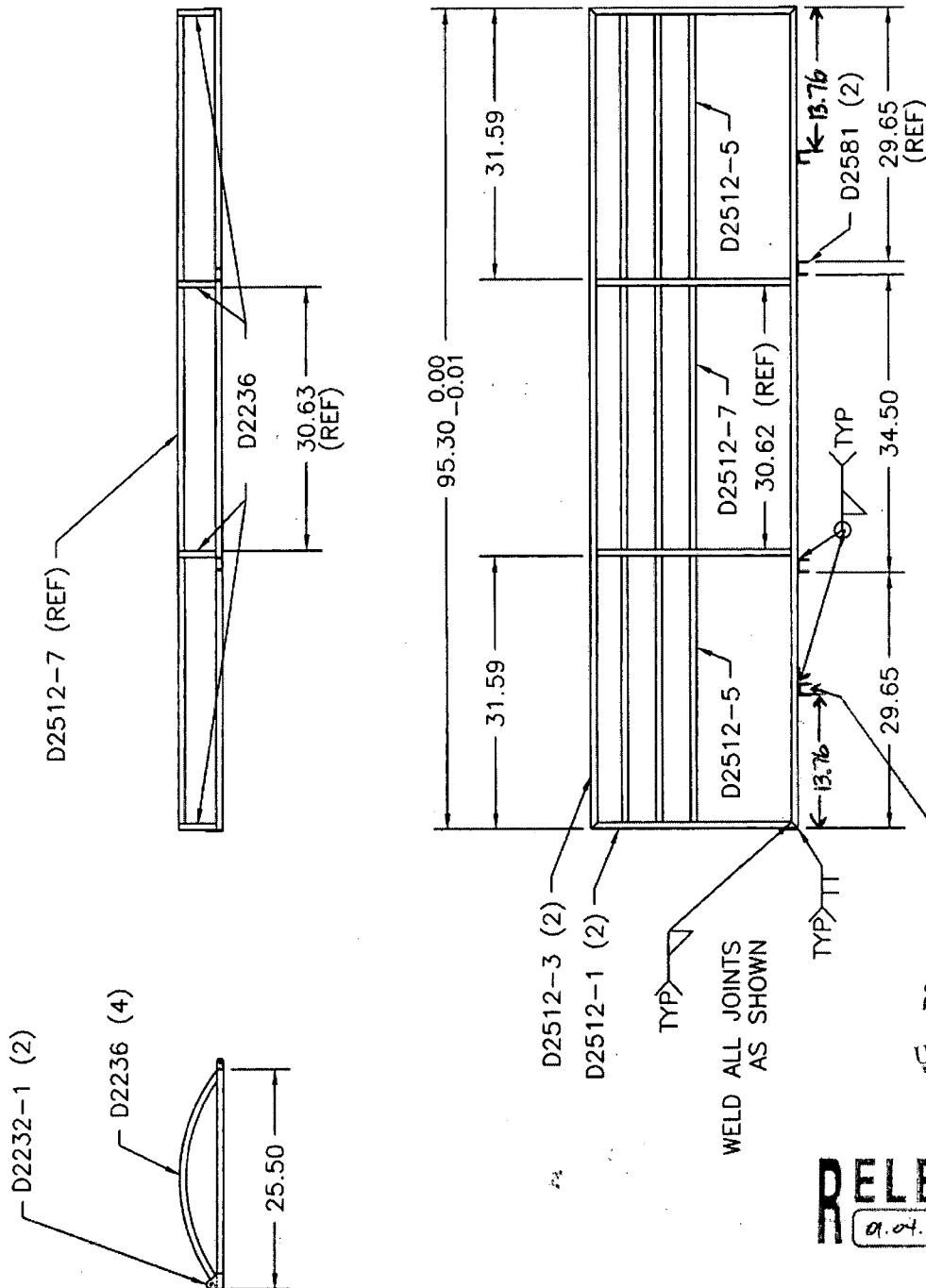


- D2512 BASKET LID ASSEMBLY
- 1) MESH MATERIAL: 3/4-16F EXPANDED SS
 - 2) FINISH: POWDER COAT ENTIRE ASSEMBLY WHITE (4.3.5.2) PER DART QSI 005 4.3
 - 3) SPRAY PAINT BLACK INSIDE SURFACE
APPLY BLACK ANTI-SKID TO OUTSIDE SURFACE PER DART QSI 005 4.4
 - 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 5) ALL DIMENSIONS ARE IN INCHES

NO. 35575 B
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01.04.21



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CHECKED #	APPROVED #	DRAWING NO. D2512	REV. D SHEET 3 OF 4
DATE 01.04.19	TITLE BASKET LID ASSEMBLY (350/212)		SCALE 1:20



DETAIL B
FRAMEWORK SHOWN FOR CLARITY
TOLERANCES ARE PER DART OSI 018 UNLESS OTHERWISE NOTED
ALL DIMENSIONS ARE IN INCHES

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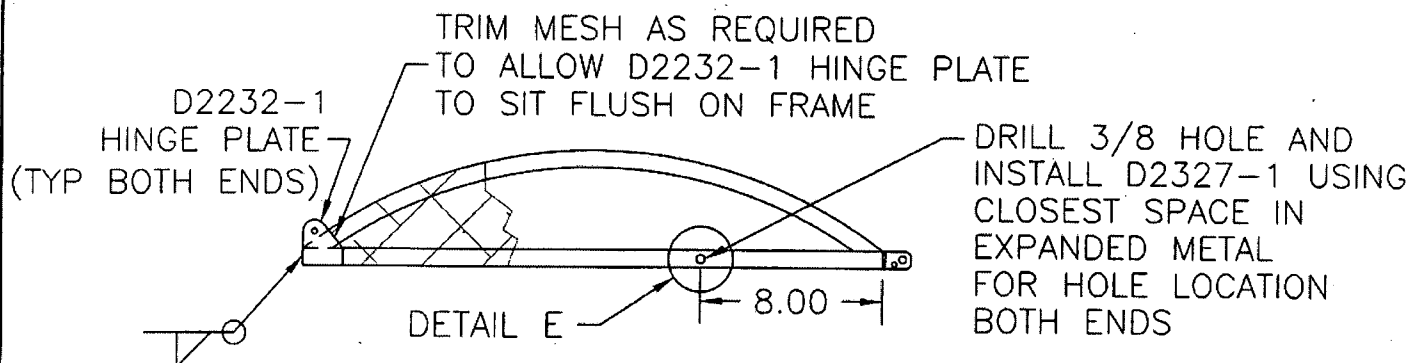
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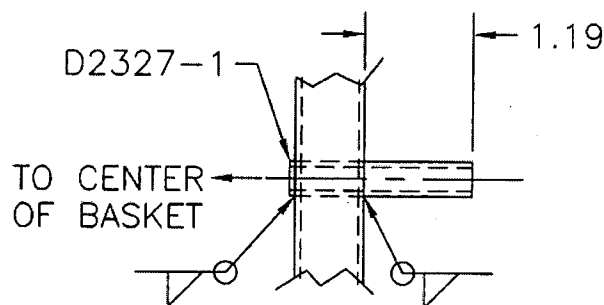
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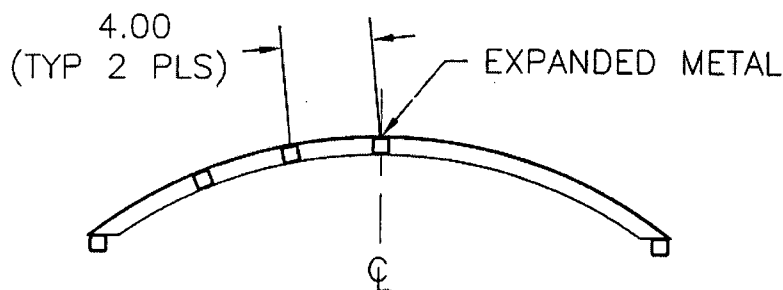
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CHECKED [Signature]	APPROVED [Signature]	DRAWING NO. D2512	REV. D SHEET 4 OF 4
DATE 01.04.19		TITLE BASKET LID ASSEMBLY (350/212)	SCALE 1:8



SECTION C-C SIMILIAR BOTH END RIBS



DETAIL E



SECTION D-D SAME BOTH CENTER RIBS

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